

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A

PORTION OF THE WEST BOUNDARY AND SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 7,
TOWNSHIP 44 NORTH, RANGE 62 WEST,
OF THE SIXTH PRINCIPAL MERIDIAN,
IN THE STATE OF WYOMING.

EXECUTED BY

CARL W. SUMPTER

SUPERVISORY CADASTRAL SURVEYOR (USFS)

THOMAS H. EFFINGER

CADASTRAL SURVEYOR (USFS)

Under Special Instructions dated February 1, 1999, approved February 1, 1999, which provided for the surveys included under Group Number 662, and assignment instructions dated February 1. 1999.

Survey commenced February 1, 1999

Survey completed February 19, 1999

INDEX DIAGRAM

Township 44 North, Range 62 West

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T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming

CHAINS	<p>The following field notes are those of the dependent resurvey of a portion of the west boundary and subdivisional lines, and the subdivision of section 7, Township 44 North, Range 62 West, Sixth Principal Meridian, Wyoming.</p> <p>The history of surveys previous pertaining to this resurvey is as follows:</p> <p>Hanson and Follman surveyed the west boundary in 1881. Hanson and Carson surveyed the subdivisional lines in 1881. Andrew Nelson and John S. Knowles dependently resurveyed the subdivisional lines in 1948. Andrew Nelson dependently resurveyed the west boundary in 1948.</p> <p>The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 662, Wyoming dated February 1, 1999.</p> <p>Preliminary to the resurvey, the lines of the previous surveys were retraced and diligent search was made for all corners and other calls of the field note record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based on the latest official record, but only after exhausting every possibility of finding direct evidence of such corners.</p> <p>The survey was executed with Trimble Navigation, Global Positioning System (GPS), 4000SSE receivers and by GPS methods. The instruments were maintained in proper adjustment at all times. The directions of all lines refer to the true meridian, based on true geodetic north as determined by GPS observations at various points along the lines of survey and carried forward by GPS methods. The primary control points for this control network were National Geodetic Survey HARN Stations "U6" and "1JM". GPS control network and supporting data is contained in the official group file. The retracement data was thoroughly verified, and only true line field notes are given herein, which refer to the completed survey.</p> <p>The geographic position of the cor. of secs. 7, 8, 17 and 18, determined by Global Positioning System (GPS), based on NAD 83 (1993) is:</p> <p>Latitude 43° 48' 03.16" N., Longitude 104° 20' 24.39" W.</p> <p>The magnetic declination is 13° E.</p> <hr/>
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Dependent Resurvey, Portion of the West Boundary,
T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<p>(Restoring the resurvey executed by Andrew Nelson in 1948)</p> <hr/>
	<p>Beginning at the cor. of secs. 7, 12, 13 and 18, monumented with an iron post, 2½ ins. diam., firmly set, projecting 1 in. above the ground, in a collar of stone, with brass cap mkd.</p>
	<p style="text-align: center;">T44N R63W R62W S 12 S 7 <hr/>S 13 S 18 1948</p>
	<p>Cor. is located in open prairie, 1.69 chs. S. of fence extending E. and W. and 2.28 chs. N. of fence extending E. and W.</p>
	<p>N. 0° 29' E., bet. secs. 7 and 12.</p>
19.94	<p>Point for the S. 1/16 sec. cor. of secs. 7 and 12.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T44N R63W R62W S 1/16 S 12 S 7 1999</p>
39.88	<p>The 1/4 sec. cor. of secs. 7 and 12, monumented with an iron post, 2½ ins. diam., firmly set, projecting 3 ins. above the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 12 S 7 1948</p>
	<p>Set a steel fence post, 1 ft. N. of the iron post.</p> <hr/>
	<p>N. 0° 29' E., beginning new measurement.</p>
19.95	<p>Point for the N. 1/16 sec. cor. of secs. 7 and 12.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 2½ ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey, Portion of the West Boundary,
T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming

CHAINS	<div data-bbox="857 306 1003 462"> <p>T44N R63W R62W N 1/16 S 12 S 7 1999</p> </div> <div data-bbox="402 499 1425 531"> <p>Cor. is located 2 lks. W. of cor. of fences, extending N. and E.</p> </div> <div data-bbox="277 562 1425 657"> <p>39.90 The cor. of secs. 1, 6, 7, and 12, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> </div> <div data-bbox="857 688 1003 844"> <p>T44N R62W S 1 S 6 S 12 S 7 1948</p> </div> <div data-bbox="402 877 1425 909"> <p>Cor. is located 2 lks. W. of cor. of fences, extending E. and S.</p> </div> <hr/> <div data-bbox="488 974 1369 1037"> <p>Dependent Resurvey, Portion of the Subdivisional Lines, T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming</p> </div> <hr/> <div data-bbox="591 1100 1263 1163"> <p>(Restoring the resurvey executed by Andrew Nelson and John S. Knowles in 1948)</p> </div> <hr/> <div data-bbox="402 1226 1019 1257"> <p>From the cor. of secs. 7, 8, 17 and 18.</p> </div> <div data-bbox="402 1289 959 1320"> <p>N. 89° 42' W., bet. secs. 7 and 18.</p> </div> <div data-bbox="277 1352 1365 1449"> <p>40.80 The 1/4 sec. cor. of secs. 7 and 18, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> </div> <div data-bbox="865 1480 995 1606"> <p>S 7 1/4 ——— S 18 1949</p> </div> <div data-bbox="402 1640 1279 1671"> <p>Cor. is located 22 lks. S. of fence extending E. and W.</p> </div> <hr/> <div data-bbox="402 1734 1052 1766"> <p>N. 89° 42' W., beginning new measurement.</p> </div> <div data-bbox="277 1797 1198 1829"> <p>20.39 Point for the W. 1/16 sec. cor. of secs. 7 and 18.</p> </div>
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Dependent Resurvey, Portion of the Subdivisional Lines,
T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming

CHAINS	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T44N R62W S 7 W1/16— S 18 1999</p>
37.80	<p>The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp.</p> <hr/> <p>From the cor. of secs. 7, 8, 17 and 18.</p> <p>N. 0° 04' E., bet. secs. 7 and 8.</p>
39.87	<p>The 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 2½ ins. diam., firmly set, 12 ins. below the surface of the ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 7 S 8 1949</p> <hr/> <p>N. 0° 04' E., beginning new measurement.</p>
39.87	<p>The cor. of secs. 5, 6, 7 and 8, monumented with an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T44N R62W S 6 S 5 — — S 7 S 8 1949</p> <hr/> <p>N. 89° 41' W., bet. secs. 6 and 7.</p>
40.52	<p>The 1/4 sec. cor. of secs. 6 and 7, monumented with an iron post, 2½ ins. diam., firmly set, projecting 3 ins. above the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">S 6 1/4 — S 7 1949</p> <hr/>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming

CHAINS	
	N. 89° 40' W., beginning new measurement.
20.26	Point for the W. 1/16 sec. cor. of secs. 6 and 7.
	Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T44N R62W S 6 W1/16—— S 7 1999</p>
	Cor. is located 2 lks. S. of fence extending E. and W.
37.48	The sec. cor. of secs. 1, 6, 7 and 12 on the W. bdy. of the Tp.
	<p style="text-align: center;">Subdivision of Section 7, T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming</p>
	From the 1/4 sec. cor. of secs. 7 and 18.
	N. 0° 16' E., on the N. and S. center line of sec. 7.
19.94	Point for the center S. 1/16 sec. cor. of sec. 7.
	Set an iron post, 28 ins. long, 2½ ins. diam., 19 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T44N R62W CS 1/16 S 7 1999</p>
39.88	Point for the center 1/4 sec. cor. of sec. 7, at intersection with the E. and W. center line.
	Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T44N R62W C 1/4 S 7 1999</p>

Subdivision of Section 7,
T, 44 N., R. 62 W., Sixth Principal Meridian, Wyoming

CHAINS	
79.76	The 1/4 sec. cor. of secs. 6 and 7.
	<hr/> <p>From the 1/4 sec. cor. of secs. 7 and 8.</p> <p>N. 89° 42' W., on the E. and W. center line of sec. 7.</p>
40.66	The center 1/4 sec. cor.
60.99	Point for the center W. 1/16 sec. cor. of sec. 7.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground, with brass cap. mkd.</p> <p style="text-align: center;">T44N R62W</p> <p style="text-align: center;">CW 1/16 S 7</p> <p style="text-align: center;">1999</p>
78.31	The 1/4 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp.
	<hr/> <p>From the W. 1/16 sec. cor. of secs. 7 and 18.</p> <p>N. 0° 21' E., on the N. and S. center line of the SW¼ of sec. 7.</p>
19.94	Point for the SW. 1/16 sec. cor. of sec. 7, at intersection with the E. and W. center line of the SW¼.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground, in a collar of stone, 2 ft. base, with brass cap mkd.</p> <p style="text-align: center;">T44N R62W</p> <p style="text-align: center;">SW 1/16</p> <p style="text-align: center;">S 7</p> <p style="text-align: center;">1999</p>
39.88	The center W. 1/16 sec. cor. of sec. 7.
	<hr/> <p>From the center S. 1/16 sec. cor. of sec. 7.</p> <p>N. 89° 42' W., on the E. and W. center line of the SW¼ of sec. 7.</p>
20.36	The SW. 1/16 sec. cor.
37.72	The S. 1/16 sec. cor. of secs. 7 and 12, on the W. bdy. of the Tp.

T. 44 N., R. 62 W., Sixth Principal Meridian, Wyoming

CHAINS	<p data-bbox="781 306 1084 333">GENERAL DESCRIPTION</p> <p data-bbox="402 371 1432 594">The area embraced by this survey is situated in the northwestern portion of Niobrara County, approximately 8 miles southwest of Newcastle, Wyoming. The terrain is sagebrush and bunch grass prairie, with clay and loam soil. The average elevation is about 4100 feet above sea level. Drainage is southwesterly into Beaver Creek. The area is sparsely inhabited, with good access by Wyoming State Highway No. 450.</p>
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CERTIFICATE OF SURVEY

We, Carl W. Sumpter and Thomas H. Effinger, Jr., Cadastral Surveyors (U.S.F.S.), HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of February, 1999, we have dependently resurveyed a portion of the west boundary and subdivisional lines, and the subdivision of section 7, Township 44 North, Range 62 West, of the Sixth Principal Meridian, in the State of Wyoming, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

MAY 31 2002

(Date)

Carl W. Sumpter

(Cadastral Surveyor U.S.F.S.)

MAY 31 2002

(Date)

Thomas H. Effinger, Jr.

(Cadastral Surveyor U.S.F.S.)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Cheyenne, Wyoming

The foregoing field notes of the dependent resurvey of a portion of the west boundary and subdivisional lines, and the subdivision of section 7, Township 44 North, Range 62 West, Sixth Principal Meridian, Wyoming, executed by Carl W. Sumpter and Thomas H. Effinger, Jr., Cadastral Surveyors (U.S.F.S.), having been critically examined and found correct, are hereby approved.

MAY 31 2002

(Date)

John P. Lee

(Signature of Authorized Officer)